AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

AMENDMENT NO.: 0001 EFFECTIVE DATE: 08/14/2009

ISSUED BY:
NASA Shared Services Center
Building 1111 C Road
Stennis Space Center, MS 39529-6000

THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth below. The hour and date specified for receipt of offers is not extended.

Contractor is not required to sign this document and return copies to the issuing office.

DESCRIPTION OF AMENDMENT:

This amendment is hereby issued to make a change to 1.5.1, 1.5.2 and Subtopic S3.04:

1.5.1 Small Business Concern
"Only firms qualifying as SBCs, as defined in Section **2.16**, are eligible to participate in these programs. Socially and economically disadvantaged and women-owned SBCs are particularly encouraged to propose."

Changed to read:

Only firms qualifying as SBCs, as defined in Section **2.17**, are eligible to participate in these programs. Socially and economically disadvantaged and women-owned SBCs are particularly encouraged to propose.

1.5.2 Place of Performance
"For both Phase 1 and Phase 2, the R/R&D must be performed in the United States (Section **2.21**)."

Changed to read:

"For both Phase 1 and Phase 2, the R/R&D must be performed in the United States (Section **2.22**)."

Under Subtopic S3.04 Propulsion Systems of the NASA 2009 Small Business Innovation Research (SBIR) program and the Small Business Technology Transfer (STTR) program solicitation. In the paragraph which reads:

"This subtopic also seeks proposals that explore uses of technologies that will provide superior performance in electric propulsion systems. These technologies include:

- Hall thruster power processing unit (PPU) capable of 3 ⌈ kW, 5A, and 700 V with a maximum mass of 5.25 kg;
- High specific impulse/low mass electric propulsion systems for sample return missions;
- Future low cost/low mass electric propulsion systems;
- Thrusters should provide thrust up to **2 mN** with a specific impulse between 1600 to 3500 seconds;
- Corresponding power processing units capable up to 1 kW of input power;
- The total system mass should not exceed 3 kgs (roughly 1 kg for a thruster and 2 kg for a PPU)."

- "Thrusters should provide thrust up to **2 mN** with a specific impulse between 1600 to 3500 seconds;

Changed to read:

- Thrusters should provide thrust up to **20 mN** with a specific impulse between 1600 to 3500 seconds;

Cassandra Williams
Contracting Officer